

**21 Sep 2010**

**GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar**

**Participants**

*FLL Team* – Marilyn Vasques, Gerry Heymsfield, Dave Zelinsky, Michele Garrett, Instrument and Forecast teams

*Telecon*

Bjorn Lambrigtsen, Rich Blakeslee, Michael Goodman, Scott Braun, Bud Meins, Tim Miller

**Global Hawk Report**

- Aircraft – green
  - No fly day
- Dropsonde – red
  - Dropsonde failed vibration test yesterday. Having problems with release spring yesterday
  - Best chance to fly science will be Friday but won't include dropsondes.
  - Test flight will be delayed at least a day. Don't have the assembly on the aircraft yet.
  - Only had two flights with precipitation. Will make decision tomorrow to put GH on alert for Friday.
  - Re-fly of Low Altitude test flight and high altitude flights in one day. Must be a weekday and have a chase plane.
- HAMSR – green
- LIP - green
- HIWRAP – green

**WB-57 Report**

- Aircraft - green
- HIRAD – green
  - HIRAD removed from NASA926– but this is standard procedure since no targets in range. N926 to be used this week for pilot procedure
  - Crew ready to meet in Tampa. Just looking for a storm to fly.
  - WB-57 approved to extend flights until at least 30 September
  - Science team headed back to HSV waiting for storms to approach
- NAST-I still delayed – probably will not take part.

**DC8 Report**

- Aircraft – green
  - Ready for full science flight 21 Sept. Tuesday to target PGI46 for 9 hours. Planned full science flight Wed. returning to FLL Wed. evening. Planned takeoff from STX Tues. & Wed. at 16Z. This will end the GRIP Mission with the DC8.

- No plan to fly with GH on Friday.
- Pack DC8 on Thursday and Friday.
- West of Barbados around W62.
- LASE – green
- LARGE – green
- APR2 – green
- DAWN – green
- Microphysics – green
  - CSI cannot fly for the duration of GRIP
- MMS – green.
- Dropsonde – green

## Science

- Work has begun on preparation of charts for NASA HQ briefing.
- Need platform scientist reports for GH
- This week consider flying intense localized systems – non-tropical cyclone but good convective events. Test the GH in these convective systems with lightning
- Tuesday is the last possible day to suitcase to STX
- Not considering flying a one-shot into a single storm
- Thursday-Friday would be the last two flight days if a storm is flyable. This decision would be made on Wednesday
- DC8 in Atlantic: If no Genesis or Rapid Intensification then look for Dust – possibly a 4-5 hr mission to satisfy LASE, LARGE and DAWN
- GH extension for LIP, HAMSR, HIWRAP? - If nothing on the horizon on 24Sep then these instruments may end their participation in the experiment